

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 80-24

NPDES NO. CA0028495

WASTE DISCHARGE REQUIREMENTS FOR:

BELL MARINE COMPANY, INC.  
IDEAL BASIC INDUSTRIES, INC.  
REDWOOD CITY, SAN MATEO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, hereinafter referred to as the Board, finds that:

1. Bell Marine Company, Inc., and Ideal Basic Industries, Inc., hereinafter referred to as the discharger, submitted a Report of Waste Discharge (NPDES Short Form C) dated January 24, 1980 for a return flow discharge from a hydraulic sand reclamation operation. The property is owned by Ideal Basic Industries, Inc., and is leased to Bell Marine Company, Inc. for the purpose of sand reclamation.
2. Bell Marine Company, Inc. and Ideal Basic Industries, Inc. propose to construct a one-acre retention pond to receive approximately 2,000 tons of sand per week which will be hydraulically transported from barges to the retention pond. This operation will result in the intermittent discharge of approximately 100,000 gallons per week of transport water during times of sand reclamation. Transport water will be clarified in the retention pond and discharged by gravity through an eight-inch pipe to an existing storm drain channel connected to an open ditch tributary to Westpoint Slough and San Francisco Bay as shown on the map (Attachment A).
3. The Board, in April 1975, adopted a Water Quality Control Plan for the San Francisco Bay Basin.
4. The beneficial uses of Westpoint Slough and San Francisco Bay are:
  - a. Recreation
  - b. Fish migration and habitat
  - c. Habitat and resting for waterfowl and migratory birds
  - d. Industrial, agricultural & municipal water supply
  - e. Esthetic enjoyment
  - f. Navigation.
5. The Board is not required to comply with the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code (California Environmental Quality Act) as this is an NPDES permit and is exempt from such provisions per Section 13389 of the Water Code.

6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them an opportunity for a public meeting and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Bell Marine Company, Inc. and Ideal Basic Industrie, Inc. in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Prohibitions

1. The pond shall have a minimum freeboard of two feet at the lowest point at all times.
2. The discharge of sanitary waste to waters of the State is prohibited.
3. The discharge of wastewater to the San Francisco Bay shall not cause bottom sediment deposits.
4. It shall be prohibited to receive sand hydraulically transported from barges which result in a waste discharge in the unloading area except where waste discharge requirements allow for such an operation.
5. The erosion of sand into the San Francisco Bay is prohibited.

B. Effluent Limitations

1. Representative samples of the waste discharge shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Units</u>	<u>Maximum</u>
Settleable Matter	ml/l/hr	1.0

2. The waste discharge shall not have a pH of less than 6.5 nor greater than 8.5.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place:
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
  - b. Bottom deposits or aquatic growths;

- c. Alteration of temperature or apparent color beyond present natural background levels;
  - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
  - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

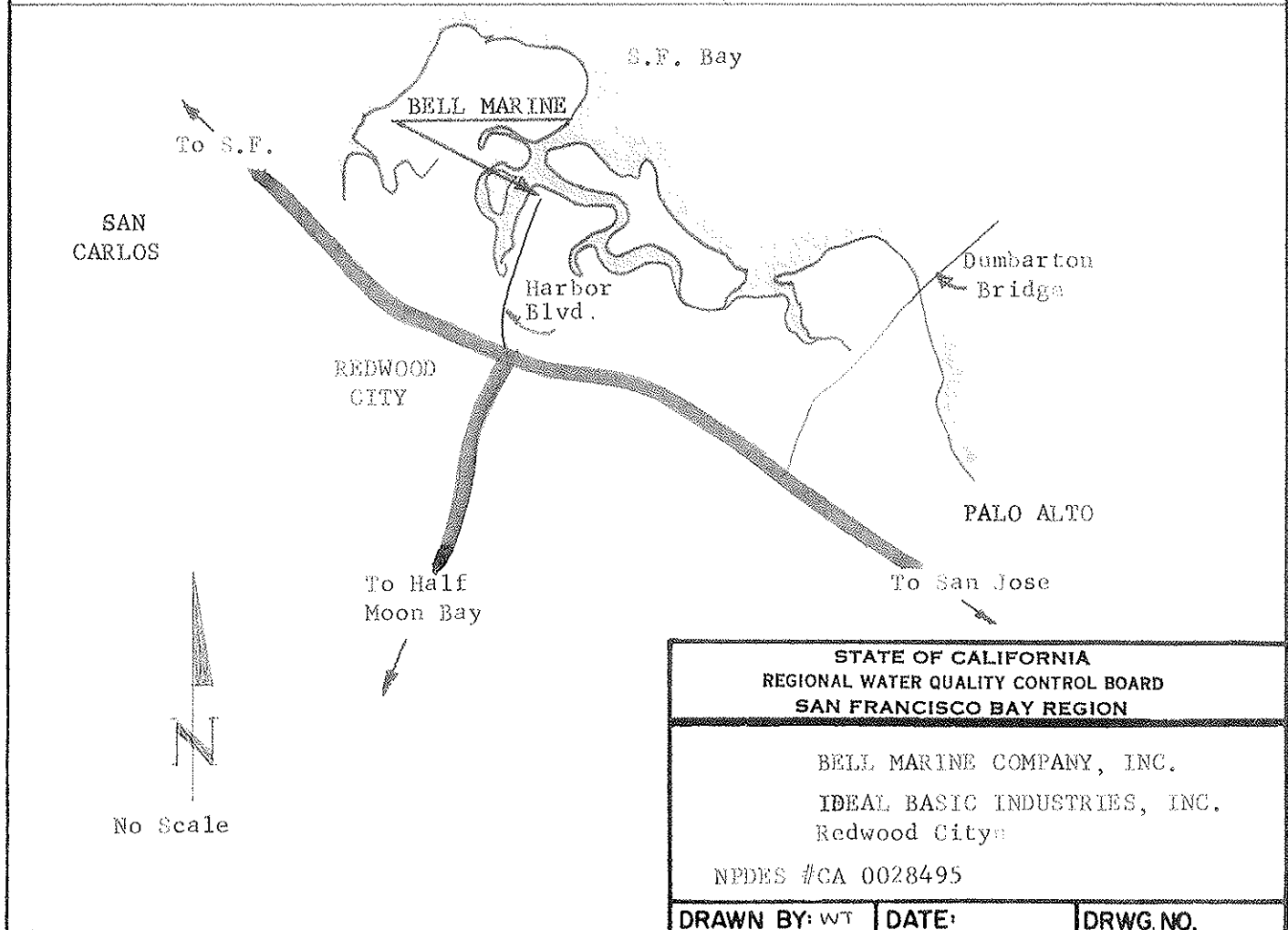
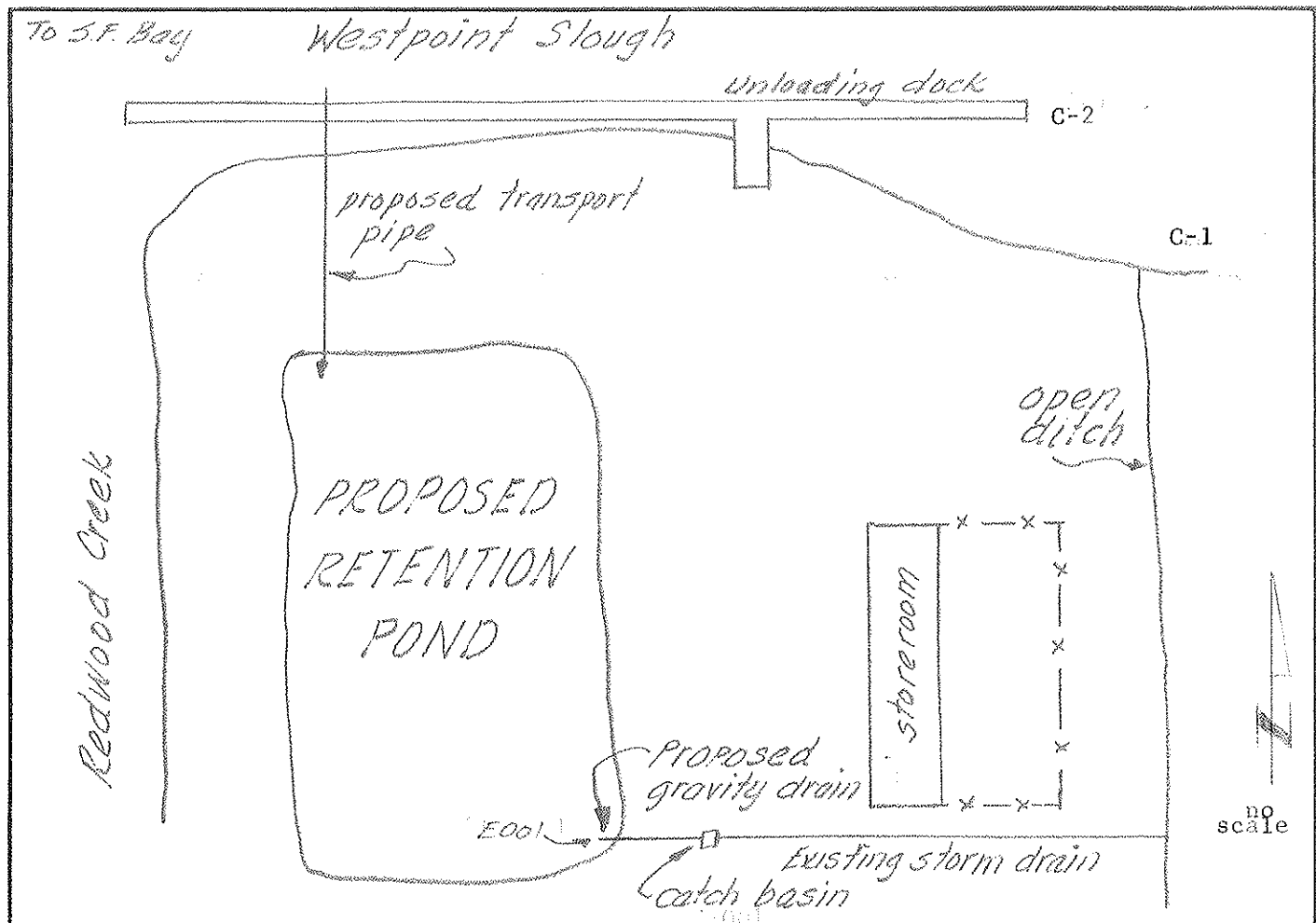
- 1. The discharger shall comply with all effluent and receiving water limitations, prohibitions, and provisions of this Order immediately upon adoption.
- 2. The discharger shall comply with the attached Self-Monitoring and Reporting Program as ordered by the Executive Officer.
- 3. The discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements," dated April 1977, except A.5, A.7, A.12, A.16, B.2, B.3, and B.5.
- 4. This Order expires on May 20, 1985. The discharger must file a Report of Waste Discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.
- 5. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective ten (10) days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on May 20, 1980.

FRED H. DIERKER  
Executive Officer

Attachments:

Standard Provisions, Reporting  
Requirements & Definitions, dated April 1977  
Self-Monitoring Program



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

REVISED

SELF-MONITORING PROGRAM  
FOR

Bell Marine Company, Inc.

Ideal Basic Industries, Inc.

Redwood City, San Mateo County

NPDES NO. CA 0028495

ORDER NO. 80-24

CONSISTS OF

PART A

AND

PART B

PART B

DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

I. Effluent - Hydraulic Dredging Operation

<u>Station</u>	<u>Description</u>
E-001	The wastewater at the pipe prior to discharge through the pipeline from the retention ponds to the storm drain.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
E-001	Grab sample during the first and last hour of operation each day, daily when discharging and daily when rainfall causes a discharge	Settleable Matter	ml/l-hr

II. Receiving Water

<u>Station</u>	<u>Description</u>
C-1	At a point located within 20 feet and under the influence of the discharge from the open ditch in Westpoint Slough.
C-2	At a point located 100 feet east and out of the influence of the discharge from the open ditch in Westpoint Slough.

<u>Station</u>	<u>Type of Sample &amp; Frequency</u>	<u>Observations</u>
All C Stations	Prior to, during and at the conclusion of each period of discharge	All standard observations as follows:
a.	Evidence of oil, grease or foam: presence or absence, source, and size of affected area.	
b.	Discoloration: description of color, source, and size of affected area.	
c.	Bottom sediment deposits resulting from discharge: average depth of deposit, characterization, and size of affected area.	

III. Land Observations at Sand Wastewater Retention Ponds

<u>Station</u>	<u>Description</u>
L-1 thru L-'n'	Located along the perimeter levee of the land impoundment facility at equidistant intervals not to exceed 300 feet. (A sketch showing the location of these stations will accompany each report.)

Type of Sample and Frequency

Observation and Analyses

Observations, twice weekly, during periods of discharge

All standard observations as follows:

- (1) Determine height of the freeboard at lowest point of dikes confining liquid wastes.
- (2) Evidence of low points in dike resulting in overflow of water other than described in Report of Waste Discharge. Low points shall be filled immediately with appropriate fill material.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 80-24.
2. Does not include the following paragraphs of Part A:  
  
D.1, D.2.a, E.4.c, E.4.d, F.3.e.
3. Paragraph F.3 of Part A shall be modified to require written reports to be filed regularly for each calendar quarter by the fifteenth day of the following month.
4. Is effective on the date shown below.
5. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

FRED H. DIERKER  
Executive Officer

Effective Date \_\_\_\_\_